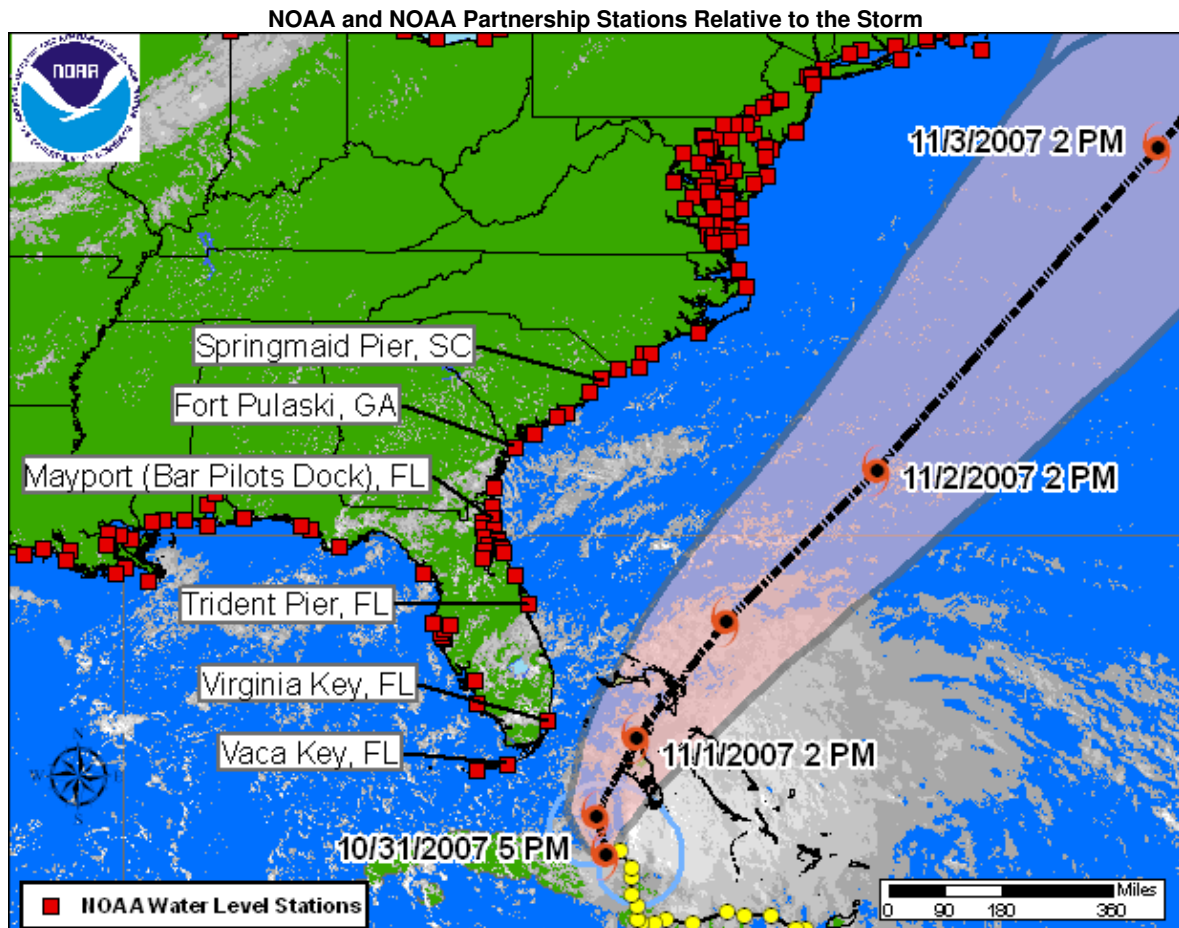




Tropical Storm NOEL QUICKLOOK
Posted: 18:00 EDT 10/31/2007



Storm Analysis

Water levels along the eastern coast of Florida are elevated due to high winds produced by the interaction of Tropical Storm NOEL with a high pressure system across the southeastern U.S.

Water Levels along the coast of Georgia and South Carolina are also slightly elevated.

Water level and meteorological plots available below are updated automatically. Water level observations on **Mean Lower Low Water** as of 10/31/2007 1800 EDT are:

Vaca Key, FL ~ 0.66 ft (0.20 m) above predicted. Next High tide Thu 11/01/2007 at 05:50 EDT ~ 1.6 ft (0.48 m).

Virginia Key, FL ~ 0.90 ft (0.27 m) above predicted. Next High tide Thu 11/01/2007 at 02:28 EDT ~ 2.4 ft (0.73 m).

Trident Pier, FL ~ 1.03 ft (0.31 m) above predicted. Next High tide Thu 11/01/2007 at 01:10 EDT ~ 3.5 ft (1.07 m).

Mayport (Bar Pilots Dock), FL ~ 0.98 ft (0.30 m) above predicted. Next High tide Thu 11/01/2007 at 02:14 EDT ~ 4.7 ft (1.43 m).

Fort Pulaski, GA ~ 1.26 ft (0.38 m) above predicted. Next High tide Thu 11/01/2007 at 01:45 EDT ~6.7 ft (2.04 m).

Springmaid Pier, SC ~ 0.50 ft (0.15 m) above predicted. Next High tide Thu 11/01/2007 at 01:10 EDT ~ 4.9 ft (1.49 m).

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

**TROPICAL STORM NOEL ADVISORY NUMBER 17
500 PM EDT WED OCT 31 2007**

...NOEL LINGERING ALONG THE CUBAN COAST...TROPICAL STORM WATCH ISSUED FOR THE SOUTHEAST FLORIDA COAST...

AT 5PM EDT...A TROPICAL STORM WATCH IS IN EFFECT FROM NORTH OF OCEAN REEF TO JUPITER INLET FLORIDA. A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA.

AT 500 PM EDT...2100Z...THE CENTER OF TROPICAL STORM NOEL WAS ABOUT 240 MILES...385 KM...SOUTH-SOUTHEAST OF MIAMI FLORIDA.

MAXIMUM SUSTAINED WINDS ARE NEAR 50 MPH...85 KM/HR...WITH HIGHER GUSTS. SOME STRENGTHENING IS FORECAST DURING THE NEXT 24 HOURS.

ABOVE NORMAL TIDES ARE LIKELY WITHIN THE WARNING AREAS.

NOEL IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS OF 5 TO 10 INCHES...WITH POSSIBLE MAXIMUM AMOUNTS OF 15 INCHES...OVER THE BAHAMAS. ADDITIONAL ACCUMULATIONS OF 1 TO 3 INCHES ARE POSSIBLE OVER PORTIONS OF SOUTH FLORIDA.

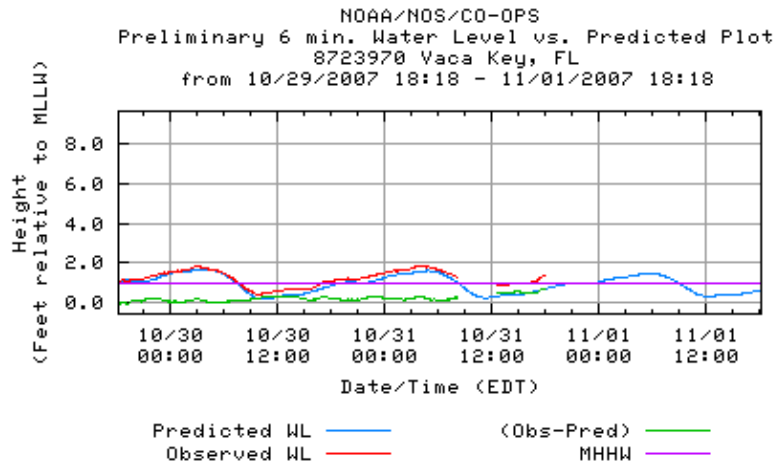
For additional data and more information on the Storm QuickLook product, please visit www.tidesandcurrents.noaa.gov.

Water Level Analyst:LH

For the purpose of timely release, data contained within this QUICKLOOK have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Vaca Key - Water Level](#), [Vaca Key - Winds](#), [Vaca Key - Barometric](#), [Virginia Key - Water Level](#), [Virginia Key - Winds](#), [Trident Pier - Water Level](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Barometric](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#), [Springmaid Pier - Water Level](#), [Springmaid Pier - Winds](#), [Springmaid Pier - Barometric](#),

Vaca Key, FL - Station Map [Return to List](#)

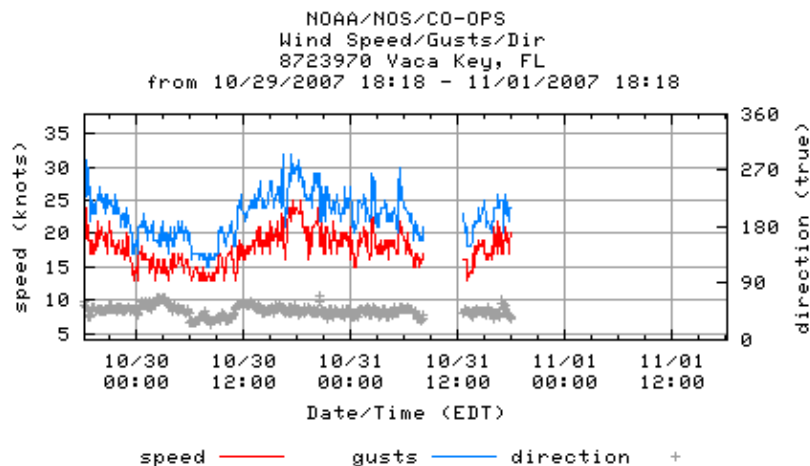


Last Observed Sample: 10/31/2007 18:06 (EDT)

Relative to **MLLW**: **Observed: 1.37 ft. Predicted: 0.71 ft. Residual: 0.66 ft.**

Historical Maximum Water Level: 10/07/1974, 1.42 ft. above **MHHW**

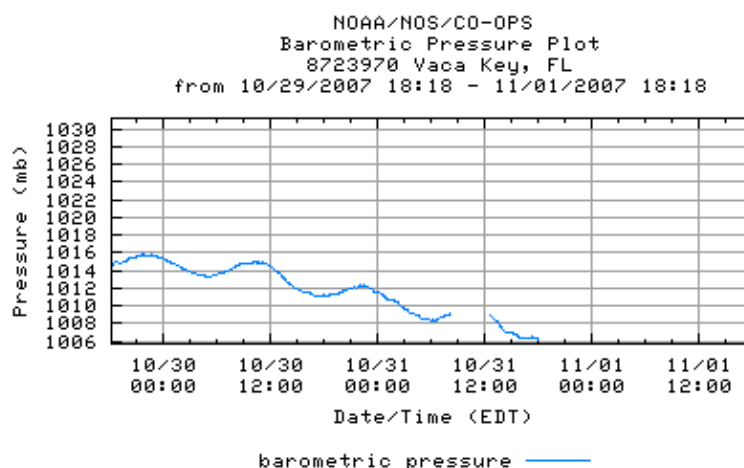
Vaca Key, FL - Station Map [Return to List](#)



Last Observed Sample: 10/31/2007 18:06 (EDT)

Wind Speed: 20 knots Gusts: 24 knots Direction: 033° T

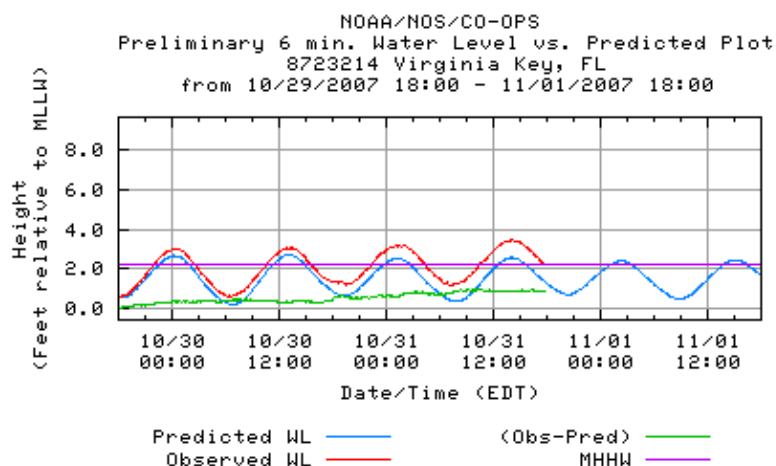
Vaca Key, FL - Station Map [Return to List](#)



Last Observed Sample: 10/31/2007 18:06 (EDT)

Barometric Pressure: 1006.2 mb

Virginia Key, FL - Station Map [Return to List](#)

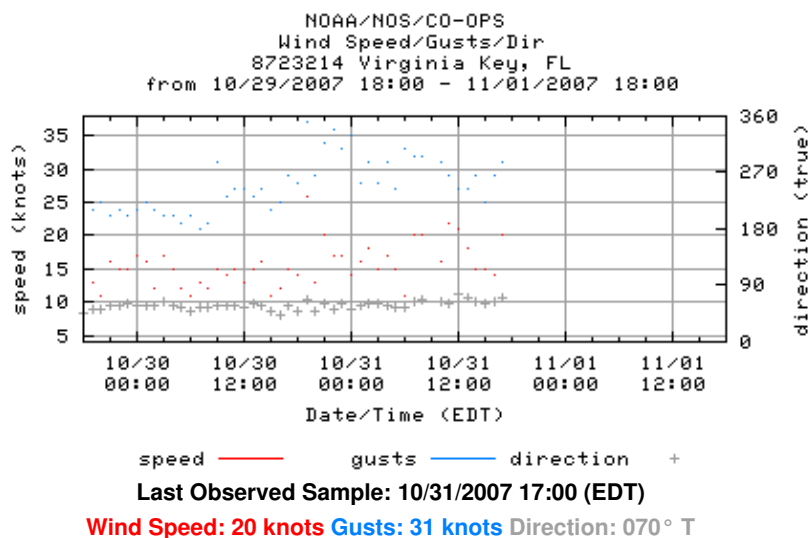


Last Observed Sample: 10/31/2007 17:42 (EDT)

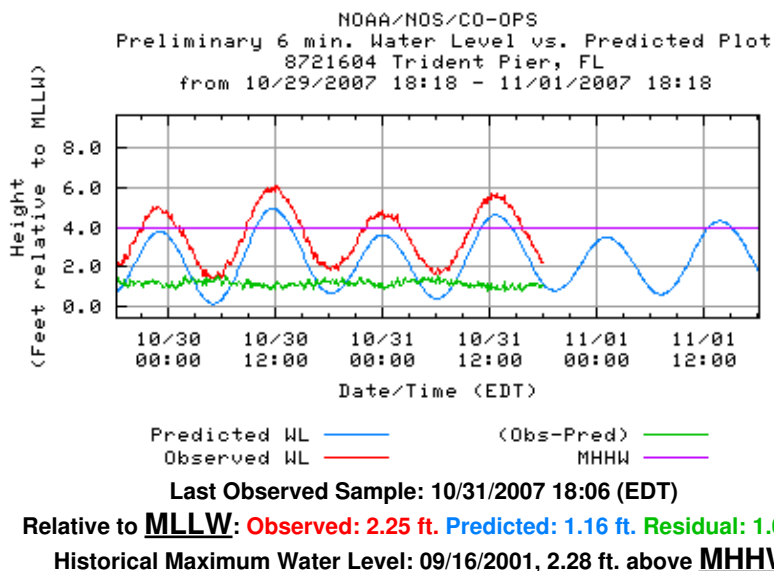
Relative to **MLLW**: Observed: 2.24 ft. Predicted: 1.39 ft. Residual: 0.85 ft.

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

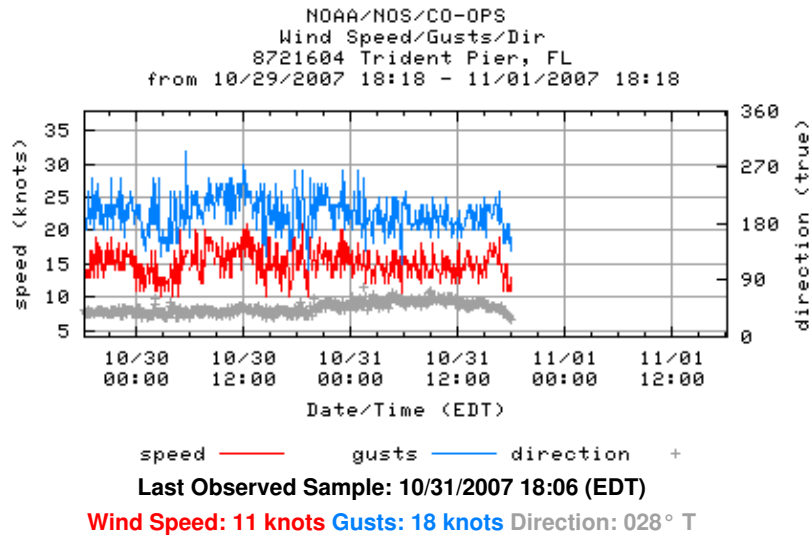
Virginia Key, FL - Station Map [Return to List](#)



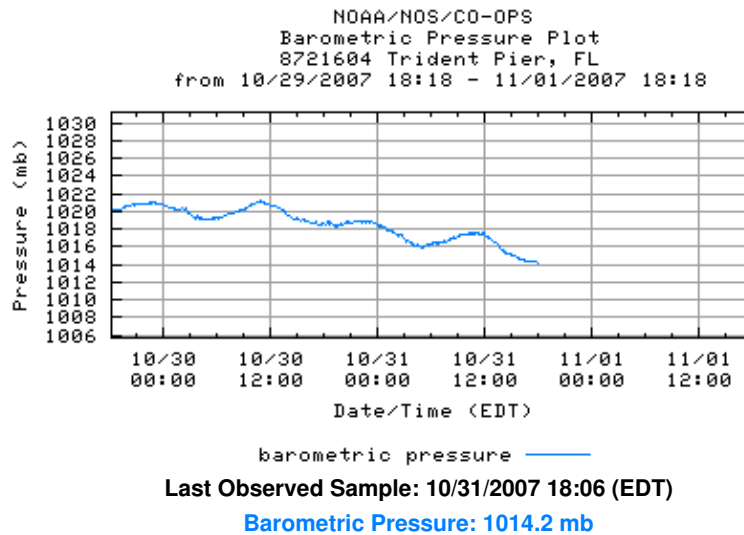
Trident Pier, FL - Station Map [Return to List](#)



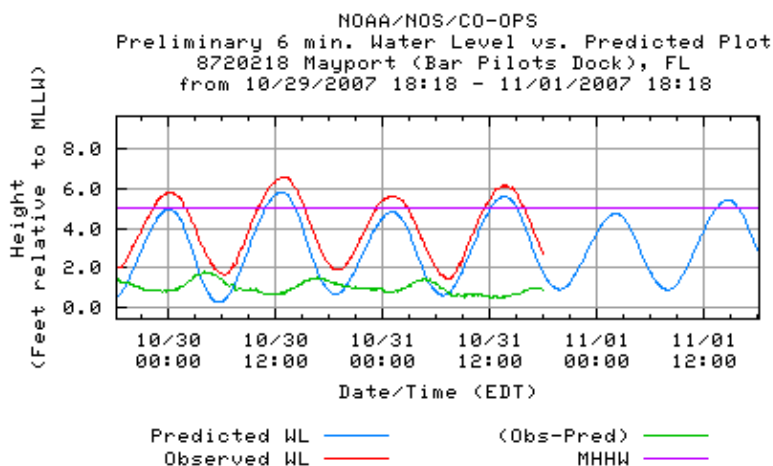
Trident Pier, FL - Station Map [Return to List](#)



Trident Pier, FL - Station Map [Return to List](#)



Mayport (Bar Pilots Dock), FL - Station Map [Return to List](#)

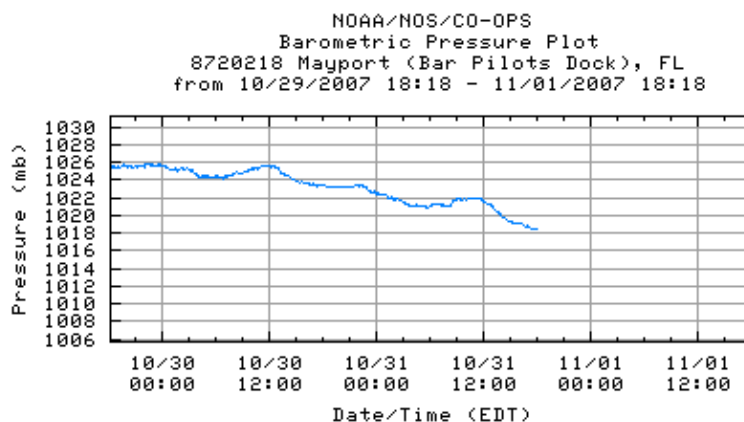


Last Observed Sample: 10/31/2007 18:06 (EDT)

Relative to **MLLW**: **Observed: 2.69 ft. Predicted: 1.77 ft. Residual: 0.92 ft.**

Historical Maximum Water Level: 09/17/2001, 2.15 ft. above **MHHW**

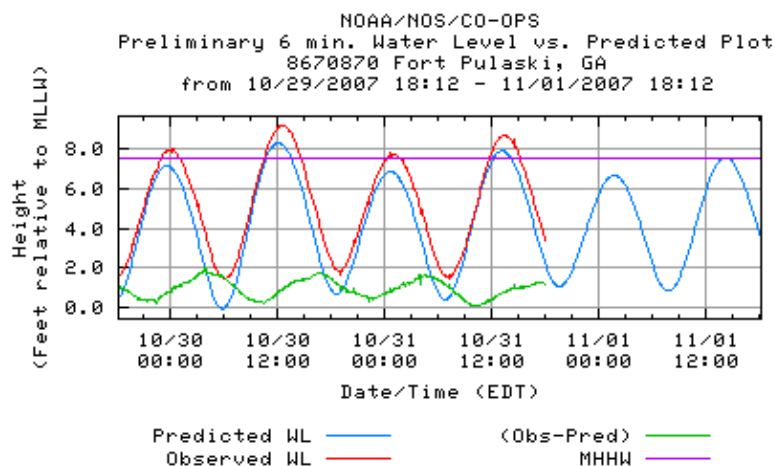
Mayport (Bar Pilots Dock), FL - Station Map [Return to List](#)



Last Observed Sample: 10/31/2007 18:06 (EDT)

Barometric Pressure: 1018.4 mb

Fort Pulaski, GA - Station Map [Return to List](#)

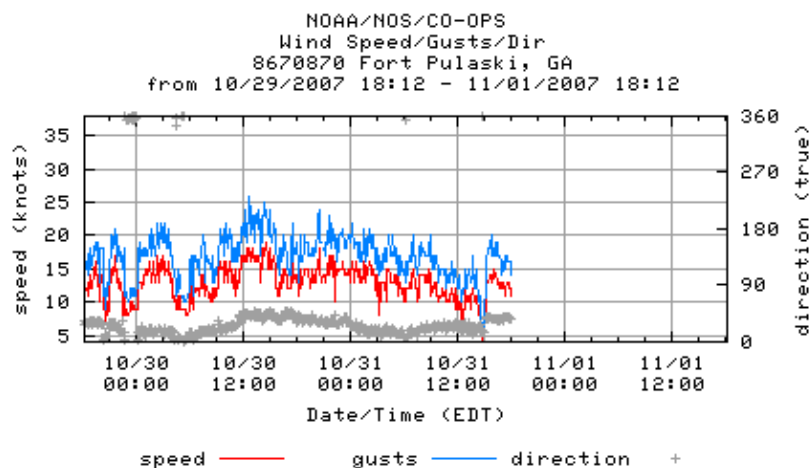


Last Observed Sample: 10/31/2007 18:00 (EDT)

Relative to **MLLW**: **Observed: 3.41 ft. Predicted: 2.20 ft. Residual: 1.21 ft.**

Historical Maximum Water Level: 10/15/1947, 3.4 ft. above **MHHW**

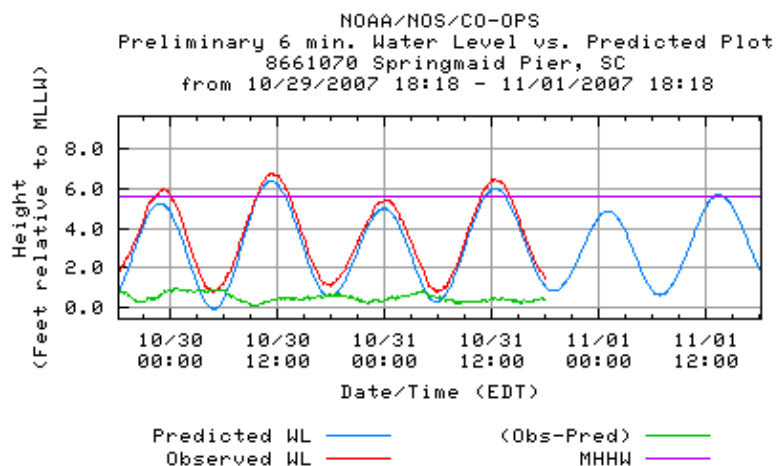
Fort Pulaski, GA - Station Map [Return to List](#)



Last Observed Sample: 10/31/2007 18:00 (EDT)

Wind Speed: 11 knots Gusts: 14 knots Direction: 037° T

Springmaid Pier, SC - Station Map [Return to List](#)

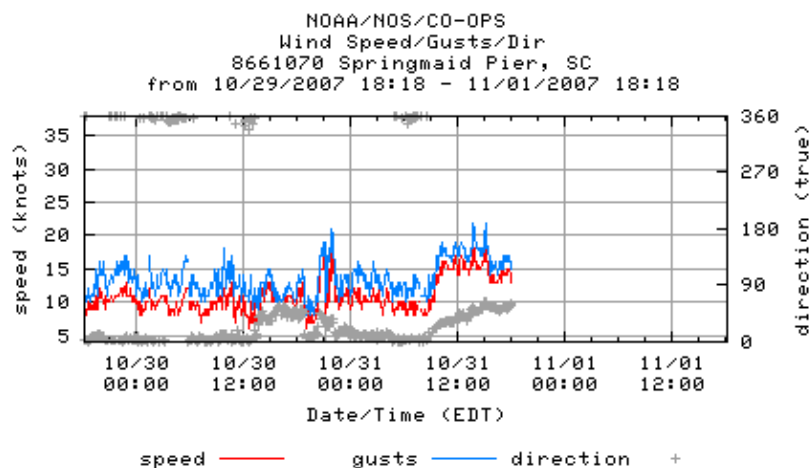


Last Observed Sample: 10/31/2007 18:06 (EDT)

Relative to **MLLW**: **Observed: 1.50 ft. Predicted: 1.08 ft. Residual: 0.42 ft.**

Historical Maximum Water Level: 01/01/1987, 3.65 ft. above **MHHW**

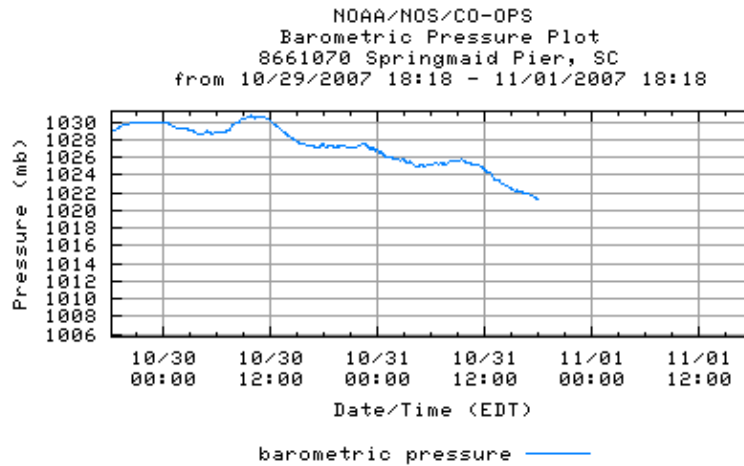
Springmaid Pier, SC - Station Map [Return to List](#)



Last Observed Sample: 10/31/2007 18:06 (EDT)

Wind Speed: 13 knots Gusts: 15 knots Direction: 058° T

Springmaid Pier, SC - Station Map [Return to List](#)



Last Observed Sample: 10/31/2007 18:06 (EDT)

Barometric Pressure: 1021.3 mb

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce